

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/814,002

Source: 1FW0

Date Processed by STIC: 2/11/05

ENTERED

CRF Errors Edited by the STIC Systems Branch

Serial Number: 10/814,002

CRF Edit Date: 2/16/05
Edited by: AZ

___ Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

___ Corrected the SEQ ID NO. Sequence numbers edited were:

___ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

___ Deleted: ___ invalid beginning/end-of-file text ; ___ page numbers

___ Inserted mandatory headings/numeric identifiers, specifically:

___ Moved responses to same line as heading/numeric identifier, specifically:

✓
___ Other: globally corrected misspellings of "Nucleotide,"
"Forward," and "Fluorescent"



IFWO

RAW SEQUENCE LISTING

DATE: 02/16/2005

PATENT APPLICATION: US/10/814,002

TIME: 11:00:04

Input Set : N:\AMC\J814002.raw

Output Set: N:\CRF4\02162005\J814002.raw

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1 <110> APPLICANT: COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH
2 <120> TITLE OF INVENTION: STAT-6 GENE VARIANTS AND PROCESS OF DETECTING THE SAME
3 <130> FILE REFERENCE: 0465
4 <140> CURRENT APPLICATION NUMBER: US/10/814,002
5 <141> CURRENT FILING DATE: 2004-03-30
6 <160> NUMBER OF SEQ ID NOS: 7
7 <170> SOFTWARE: PatentIn version 3.1
9 <210> SEQ ID NO: 1
10 <211> LENGTH: 392
11 <212> TYPE: DNA
12 <213> ORGANISM: Human
13 <220> FEATURE:
14 <221> NAME/KEY: gene
15 <222> LOCATION: (1)..(392)
16 <223> OTHER INFORMATION: Natural sequence
17 <220> FEATURE:
W--> 18 <221> NAME/KEY: Nucleotide
19 <222> LOCATION: (1)..(392)
20 <223> OTHER INFORMATION: Natural sequence
21 <400> SEQUENCE: 1
22      ttgttacagc agccctagca aactgatata ctcaccaa at cgattttgtg actcactatt      60
23      ggggttgaac cagcagtaca tagacataaa gttatttttt ccttacgctt tatcttgtgc      120
24      aatcgtgtgt gtgtgtgtgt gtgtgtgtgt gtgtgtgtgt gtgtgtgtga cggagtcctg      180
25      ttctgtcacc aggctggagt gcagtggctt gatctcggct cactataatc acagccttcc      240
26      agattcaagt gatttccttg cctcagcctc ctgagtagct gggactacag gcgcgcacca      300
27      ccacgcccga ctaatttttt gtatttttag tagagacggg gtttcaccat gttggccagg      360
28      atggtctcaa tctcctgacc ttgtgatctg cc                                392
30 <210> SEQ ID NO: 2
31 <211> LENGTH: 336
32 <212> TYPE: DNA
33 <213> ORGANISM: Human
34 <220> FEATURE:
35 <221> NAME/KEY: Gene
36 <222> LOCATION: (1)..(336)
37 <223> OTHER INFORMATION: Natural sequence
38 <220> FEATURE:
W--> 39 <221> NAME/KEY: Nucleotide
40 <222> LOCATION: (1)..(336)
41 <223> OTHER INFORMATION: Natural sequence
42 <400> SEQUENCE: 2
43      agggagggac ctgggtagaa ggagaagccg gaaacagcgg gctggggcag ccactgctta      60
44      cactgaagag ggaggacggg agaggagtgt gtgtgtgtgt gtgtgtgtgt gtgtgtatgt      120
45      atgtgtgtgc tttatcttat ttttcttttt ggtggtggtg ttggaagggg ggaggtgcta      180

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RAW SEQUENCE LISTING

DATE: 02/16/2005

PATENT APPLICATION: US/10/814,002

TIME: 11:00:04

Input Set : N:\AMC\J814002.raw

Output Set: N:\CRF4\02162005\J814002.raw

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46      gcagggccag ccttgaactc gctggacaga gctacagacc tatggggcct ggaagtgccc      240
47      gctgagaaag ggagaagaca gcagaggggt tgccgaggtg agggggtgcc tccgaggtgg      300
48      gtgcgggggc ctctatgagt gcatgggggt ggattc      336
50 <210> SEQ ID NO: 3
51 <211> LENGTH: 42
52 <212> TYPE: DNA
53 <213> ORGANISM: Artificial Sequence
54 <220> FEATURE:
55 <223> OTHER INFORMATION: Forward primer for SEQ ID No. 1
56 <220> FEATURE:
W--> 57 <221> NAME/KEY: Nucleotide
58 <222> LOCATION: (1)..(42)
59 <223> OTHER INFORMATION: Forward primer for SEQ ID No. 1
60 <220> FEATURE:
W--> 61 <221> NAME/KEY: nucleotide
62 <222> LOCATION: (1)..(42)
63 <223> OTHER INFORMATION: Forward primer for SEQ ID No. 1
64 <400> SEQUENCE: 3
65      tgtaaaacga cggccagttt gttacagcag ccctagcaaa ct      42
67 <210> SEQ ID NO: 4
68 <211> LENGTH: 24
69 <212> TYPE: DNA
70 <213> ORGANISM: Artificial Sequence
71 <220> FEATURE:
72 <223> OTHER INFORMATION: Reverse primer for SEQ ID No. 1
73 <220> FEATURE:
W--> 74 <221> NAME/KEY: Nucleotide
75 <222> LOCATION: (1)..(24)
76 <223> OTHER INFORMATION: Reverse primer for SEQ ID No. 1
77 <400> SEQUENCE: 4
78      ggcagatcac aaggtcagga gatt      24
80 <210> SEQ ID NO: 5
81 <211> LENGTH: 41
82 <212> TYPE: DNA
83 <213> ORGANISM: Artificial Sequence
84 <220> FEATURE:
85 <223> OTHER INFORMATION: Forward Primer for SEQ ID No. 2
86 <220> FEATURE:
W--> 87 <221> NAME/KEY: Nucleotide
88 <222> LOCATION: (1)..(41)
89 <223> OTHER INFORMATION: Forward Primer for SEQ ID No. 2
90 <400> SEQUENCE: 5
91      tgtaaaacga cggccagtag ggagggacct gggtagaagg a      41
93 <210> SEQ ID NO: 6
94 <211> LENGTH: 24
95 <212> TYPE: DNA
96 <213> ORGANISM: Artificial Sequence
97 <220> FEATURE:
98 <223> OTHER INFORMATION: Reverse primer for SEQ ID no. 2

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RAW SEQUENCE LISTING

DATE: 02/16/2005

PATENT APPLICATION: US/10/814,002

TIME: 11:00:04

Input Set : N:\AMC\J814002.raw

Output Set: N:\CRF4\02162005\J814002.raw

99 <220> FEATURE:

W--> 100 <221> NAME/KEY: Nucleotide

101 <222> LOCATION: (1)..(24)

102 <223> OTHER INFORMATION: Reverse primer for SEQ ID no. 2

103 <220> FEATURE:

W--> 104 <221> NAME/KEY: Nucleotide

105 <222> LOCATION: (1)..(24)

106 <223> OTHER INFORMATION: Reverse primer for SEQ ID no. 2

107 <400> SEQUENCE: 6

108 gaatccaccc ccatgcactc atag

24

110 <210> SEQ ID NO: 7

111 <211> LENGTH: 18

112 <212> TYPE: DNA

113 <213> ORGANISM: Artificial Sequence

114 <220> FEATURE:

115 <223> OTHER INFORMATION: Fluorescent labelled M13 primer

116 <220> FEATURE:

W--> 117 <221> NAME/KEY: Nucleotide

118 <222> LOCATION: (1)..(18)

119 <223> OTHER INFORMATION: Fluorescent labelled M13 primer

120 <400> SEQUENCE: 7

121 tgtaaaacga cggccagt

18

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/814,002

DATE: 02/16/2005
TIME: 11:00:05

Input Set : N:\AMC\J814002.raw
Output Set: N:\CRF4\02162005\J814002.raw

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 2

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/814,002

DATE: 02/16/2005

TIME: 11:00:05

Input Set : N:\AMC\J814002.raw

Output Set: N:\CRF4\02162005\J814002.raw

L:18 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:1
L:39 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:2
L:57 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:3
L:61 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:3
L:74 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:4
L:87 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:5
L:100 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:6
L:104 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:6
L:117 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:7



IFWO

RAW SEQUENCE LISTING

DATE: 02/11/2005

PATENT APPLICATION: US/10/814,002

TIME: 08:34:17

Input Set : A:\Sequence listing. 206487.txt

Output Set: N:\CRF4\02112005\J814002.raw

3 <110> APPLICANT: COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH
 5 <120> TITLE OF INVENTION: STAT-6 GENE VARIANTS AND PROCESS OF DETECTING THE SAME
 7 <130> FILE REFERENCE: 0465
 C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/814,002
 C--> 10 <141> CURRENT FILING DATE: 2004-03-30
 12 <160> NUMBER OF SEQ ID NOS: 7
 14 <170> SOFTWARE: PatentIn version 3.1
 16 <210> SEQ ID NO: 1
 17 <211> LENGTH: 392
 18 <212> TYPE: DNA
 19 <213> ORGANISM: Human
 21 <220> FEATURE:
 22 <221> NAME/KEY: gene
 23 <222> LOCATION: (1)..(392)
 24 <223> OTHER INFORMATION: Natural sequence
 27 <220> FEATURE:
 W--> 28 <221> NAME/KEY: Nucelotide Nucleotide (global misspelling)
 29 <222> LOCATION: (1)..(392)
 30 <223> OTHER INFORMATION: Natural sequence
 33 <400> SEQUENCE: 1
 34 ttgttacagc agccctagca aactgataca ctcaccaaact cgattttgtg actcactatt 60
 36 ggggttgtaac cagcagtaca tagacataaa gttatttttt ccttacgctt tatcttgtgc 120
 38 aatcgtgtgt gtgtgtgtgt gtgtgtgtgt gtgtgtgtgt gtgtgtgtga cggagtcttg 180
 40 ttctgtcacc aggctggagt gcagtggctt gatctcggct cactataatc acagccttcc 240
 42 agattcaagt gatttccttg cctcagcctc ctgagtagct gggactacag gcgcgcacca 300
 44 ccacgcccga ctaatttttt gtatttttag tagagacggg gtttcacat gttggccagg 360
 46 atggtctcaa tctcctgacc ttgtgatctg cc 392
 49 <210> SEQ ID NO: 2
 50 <211> LENGTH: 336
 51 <212> TYPE: DNA
 52 <213> ORGANISM: Human
 54 <220> FEATURE:
 55 <221> NAME/KEY: Gene
 56 <222> LOCATION: (1)..(336)
 57 <223> OTHER INFORMATION: Natural sequence
 60 <220> FEATURE:
 W--> 61 <221> NAME/KEY: Nucelotide
 62 <222> LOCATION: (1)..(336)
 63 <223> OTHER INFORMATION: Natural sequence
 66 <400> SEQUENCE: 2
 67 agggaggagc ctgggtagaa ggagaagccg gaaacagcgg gctggggcag ccactgctta 60
 69 cactgaagag ggaggacggg agaggagtgt gtgtgtgtgt gtgtgtgtgt gtgtgtatgt 120
 71 atgtgtgtgc tttatcttat ttttcttttt ggtggtggtg ttggaagggg ggaggtgcta 180

pp 1-3
 Does Not Comply
 Corrected Diskette Needed

RAW SEQUENCE LISTING

DATE: 02/11/2005

PATENT APPLICATION: US/10/814,002

TIME: 08:34:17

Input Set : A:\Sequence listing. 206487.txt

Output Set: N:\CRF4\02112005\J814002.raw

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73 gcagggccag ccttgaactc gctggacaga gctacagacc tatggggcct ggaagtgcc 240
75 gctgagaaag ggagaagaca gcagaggggt tgccgaggtg aggggttgcc tccgaggtgg 300
77 gtgcgggggc ctctatgagt gcatgggggt ggattc 336
80 <210> SEQ ID NO: 3
81 <211> LENGTH: 42
82 <212> TYPE: DNA
83 <213> ORGANISM: Artificial Sequence
85 <220> FEATURE:
86 <223> OTHER INFORMATION: Forward primer for SEQ ID No. 1
88 <220> FEATURE:
W--> 89 <221> NAME/KEY: nucelotide
90 <222> LOCATION: (1)..(42)
91 <223> OTHER INFORMATION: Forward primer for SEQ ID No. 1
94 <220> FEATURE:
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96 <222> LOCATION: (1)..(42)
97 <223> OTHER INFORMATION: Forward primer for SEQ ID No. 1
100 <400> SEQUENCE: 3
101 tgtaaaacga cggccagttt gttacagcag ccctagcaaa ct 42
104 <210> SEQ ID NO: 4
105 <211> LENGTH: 24
106 <212> TYPE: DNA
107 <213> ORGANISM: Artificial Sequence
109 <220> FEATURE:
110 <223> OTHER INFORMATION: Reverse primer for SEQ ID No. 1
112 <220> FEATURE:
W--> 113 <221> NAME/KEY: Nucelotide
114 <222> LOCATION: (1)..(24)
115 <223> OTHER INFORMATION: Reverse primer for SEQ ID No. 1
118 <400> SEQUENCE: 4
119 ggcagatcac aaggtcagga gatt 24
122 <210> SEQ ID NO: 5
123 <211> LENGTH: 41
124 <212> TYPE: DNA
125 <213> ORGANISM: Artificial Sequence
127 <220> FEATURE:
128 <223> OTHER INFORMATION: Forward Primer for SEQ ID No. 2
130 <220> FEATURE:
W--> 131 <221> NAME/KEY: Nucelotide
132 <222> LOCATION: (1)..(41)
133 <223> OTHER INFORMATION: Forward Primer for SEQ ID No. 2
136 <400> SEQUENCE: 5
137 tgtaaaacga cggccagtag ggagggacct gggtagaagg a 41
140 <210> SEQ ID NO: 6
141 <211> LENGTH: 24
142 <212> TYPE: DNA
143 <213> ORGANISM: Artificial Sequence
145 <220> FEATURE:
146 <223> OTHER INFORMATION: Reverse primer for SEQ ID no. 2

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RAW SEQUENCE LISTING

DATE: 02/11/2005

PATENT APPLICATION: US/10/814,002

TIME: 08:34:17

Input Set : A:\Sequence listing. 206487.txt

Output Set: N:\CRF4\02112005\J814002.raw

148 <220> FEATURE:
W--> 149 <221> NAME/KEY: Nucleotide
150 <222> LOCATION: (1)..(24)
151 <223> OTHER INFORMATION: Reverse primer for SEQ ID no. 2
154 <220> FEATURE:
W--> 155 <221> NAME/KEY: Nucleotide OK
156 <222> LOCATION: (1)..(24)
157 <223> OTHER INFORMATION: Reverse primer for SEQ ID no. 2
160 <400> SEQUENCE: 6
161 gaatccaccc ccatgcactc atag 24
164 <210> SEQ ID NO: 7
165 <211> LENGTH: 18
166 <212> TYPE: DNA
167 <213> ORGANISM: Artificial Sequence Fluorescent
169 <220> FEATURE:
170 <223> OTHER INFORMATION: Flourecent labelled M13 primer
172 <220> FEATURE:
W--> 173 <221> NAME/KEY: Nucleotide
174 <222> LOCATION: (1)..(18)
175 <223> OTHER INFORMATION: Flourecent labelled M13 primer
178 <400> SEQUENCE: 7
179 tgtaaaacga cgccagt 18

VERIFICATION SUMMARY

DATE: 02/11/2005

PATENT APPLICATION: US/10/814,002

TIME: 08:34:18

Input Set : A:\Sequence listing. 206487.txt

Output Set: N:\CRF4\02112005\J814002.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application Number
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:28 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:1
L:61 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:2
L:89 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:3
L:95 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:3
L:113 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:4
L:131 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:5
L:149 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:6
L:155 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:6
L:173 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:7